

Complete Listing of Claims:

1(cancelled).

2 (currently amended). A flexible telescoping electromagnetic tool comprising:
an end cap formed of a magnetizable material; an end section formed of a non-
magnetizable material, said end cap being connected to said end section;
a non-conducting tubular section formed of a non-magnetizable material, said non-
conducting tubular section slidably receiving said end section; and
an electrically conducting insert disposed through said non-conducting tubular section
and through said end section, said electrically conducting insert electrically connected to
an end plug having therein an end module, the end module having a power supply and
switch , the end module located at a distal end of said non-conducting tubular section,
said end module attached to the distal end of said non-magnetizable non-conducting
tubular section ~~An electromagnetic tool according to claim 1,~~ wherein said end section is
 slidable through an opening in said non-conducting tubular section, the electromagnetic
 tool further comprising a ring insert secured to an end of said end section, said ring insert
 being formed of a plastic material and having a width that is greater than a diameter of
 said opening, said ring insert being attached outside a proximal end of said end section
 inside said non-conducting tubular section and wherein said electrically conducting
 insert comprises electrical connection with an inductor, said inductor having two contacts
 and being near said end cap.

3 (currently amended). An electromagnetic tool according to claim 2, wherein said
 electrically conducting insert is ~~disposed~~ frictionally held in said non-conducting tubular
 section.

4 (currently amended). An electromagnetic tool according to claim 3, wherein said conducting insert is disposed against a portion of an inside wall of said non-conducting tubular section.

5 (original). An electromagnetic tool according to claim 4, wherein said conducting insert is comprised of first and second electrically isolated conductors, the first conductor being connected to one contact of said inductor contacts and the second conductor being connected to another contact of said inductor.

6 (original). An electromagnetic tool according to claim 2, wherein said electrical contacts are galvanic contacts.

7 (original). An electromagnetic tool according to claim 2, wherein magnetization of said end cap is achieved with electrical inductance via said inductor.

8 (original). An electromagnetic tool according to claim 2, further comprising at least one subsequent tubular section formed of a non-conducting material, said at least one subsequent tubular section slidably receiving one of said tubular section and other subsequent tubular sections.

9 (currently amended). An electromagnetic tool according to claim 2 that is compact and wherein said end section is slidable through an opening in said tubular section, the electromagnetic tool further comprising a ring insert secured to an end of said end section, said ring insert being formed of a plastic material and having a width that is greater than a diameter of said opening, said ring insert being attached outside a proximal

end of said end section inside said tubular section and wherein said electrically conducting insert comprises electrical connection with an inductor, said inductor having two contacts and being near said end cap ~~further comprising a compact electromagnetic tool selectively securable to a magnetizable object.~~

10 (original). An electromagnetic tool according to claim 9, wherein said end section includes a first part having a reduced width substantially corresponding to a diameter of said tubular section and a second part having a width greater than the diameter of said tubular section.

11 (currently amended). An electromagnetic tool according to claim 8, further comprising an end tube at the distal end of said tubular section, said end tube has a width substantially corresponding to a diameter of said tubular section, the electromagnetic tool further comprising an end module containing a power supply and switch, said end module secured to said end tube, said end module being electrically connected via said electrically conducting insert to said inductor, said end module having two conducting contacts connected to said electrically conducting insert, said end module having a width that is substantially equal to the diameter of said tubular section, wherein said end plug of said insert is connected to a button that electrically actuates said switch ~~is in electrical contact with said stop cap~~.

12 (currently amended). An electromagnetic tool according to claim ~~9~~ 8, ~~wherein said compact electromagnetic tool~~ further comprises a plastic coated helix coil an inductor made of wire having an electrically insulating coating.

13 (cancelled).

14 (original). An electromagnetic tool according to claim 12, wherein said subsequent tube section includes a first section having a reduced width substantially corresponding to a diameter of said tubular section and a second section having a width greater than the diameter of said tubular section.

15 (currently amended). An electromagnetic tool according to claim 12, wherein said subsequent tube section has a width substantially corresponding to a diameter of said tubular section, the electromagnetic tool further comprising a switch ~~member~~ secured to said module, a portion of said switch ~~member~~ being formed of a conducting material located inside said module and another portion of said switch ~~member~~ having a width that is less than the diameter of said subsequent tube section, wherein actuation of the switch connected to said module forms an electrical contact of said power supply with said inductor.

16 (original). An electromagnetic tool according to claim 14, wherein said non-conducting material is plastic.

17 (cancelled).

18 (cancelled).

19 (currently amended). A method of constructing a flexible telescoping electromagnetic

tool including an end section with a tip formed of a conducting material, a tubular section formed of a non-conducting material, and a conducting insert disposed in the tubular section in electrical contact with the end section, the conducting insert having an inductor means at a distal end for magnetizing said tip, the method comprising:

- (a) inserting the end section into an opening in the tubular section;
- (b) securing an end cap having a width greater than the opening to an end of the end section, the end cap having a magnetizable portion surrounded by said inductor inside the end section;
- (c) inserting the conducting insert inside the non-conducting tubular section ~~in~~ into electrical contact with the end cap and securing the inductor to the conducting insert with the end plug;
- (d) inserting the non-conducting tubular section into a subsequent non-conducting tubular section, ~~a compact electromagnetic tool in a friction fit, the compact electromagnetic tool supporting the tubular section and the end section to an apparatus requiring the electromagnetic tool;~~ and,
- (e) securing the non-conducting tubular section slidably and frictionally to a said subsequent non-conducting tubular section[[:]] .__

20 (cancelled).